

Appendix table 5-21

## Primary source of support of 1995–99 doctoral recipients, by sex and field

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Sex and primary source of support	Total S&E	Engineering	Physical sciences	Earth, atmospheric & ocean sciences	Mathematics	Computer science	Agri-cultural sciences	Biological sciences	Psy-chology	Social sciences
Percent distribution										
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Personal sources of support.....	24.5	16.7	9.0	18.2	13.8	27.0	23.3	14.7	50.0	36.3
Loans.....	4.2	1.1	0.6	1.2	0.7	1.2	2.2	1.3	14.7	5.4
Personal savings.....	0.7	0.6	0.2	0.7	0.3	1.3	0.8	0.3	1.2	1.4
Other personal earnings in graduate school.....	11.4	9.8	4.0	10.4	6.6	17.0	12.6	6.6	18.3	18.9
Other family earnings or savings.....	8.2	5.1	4.1	5.9	6.2	7.5	7.6	6.5	15.8	10.5
Teaching assistantship.....	14.7	7.2	19.2	12.3	51.3	11.5	5.8	11.2	12.4	21.5
Research assistantship, traineeship, internship.....	32.8	44.6	48.7	43.2	11.0	31.8	46.2	43.2	13.7	11.8
Research assistantship.....	29.8	43.2	47.4	42.6	10.2	31.1	45.9	34.5	11.8	10.9
Traineeship.....	2.9	1.3	1.2	0.6	0.8	0.6	0.3	8.7	1.6	0.9
Internship or residency.....	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.3	0.0
Fellowship/scholarship/dissertation grant.....	14.6	15.2	11.7	15.2	13.4	11.9	9.0	19.6	8.5	18.0
Fellowship/scholarship.....	14.4	15.0	11.5	14.6	13.4	11.8	8.7	19.0	8.4	17.6
Dissertation grant.....	0.3	0.2	0.2	0.5	0.0	0.1	0.3	0.5	0.1	0.4
Employer reimbursement/assistance.....	2.4	6.1	1.4	1.8	1.5	7.5	2.7	1.1	1.3	1.5
Foreign (non-U.S.) support.....	0.3	0.6	0.1	0.3	0.3	0.4	1.1	0.2	0.0	0.4
Other source of support.....	1.3	1.4	0.9	1.2	0.6	1.3	1.3	1.5	1.1	1.4
Unknown source of support.....	9.4	8.1	9.0	7.8	8.1	8.5	10.5	8.5	13.0	9.2
Male, total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Personal sources of support.....	21.2	17.5	9.1	20.1	12.9	25.2	25.0	14.6	47.7	34.9
Loans.....	2.9	1.1	0.7	1.2	0.7	1.0	2.3	1.4	14.2	5.4
Personal savings.....	0.7	0.7	0.2	0.8	0.3	1.4	0.8	0.4	1.3	1.3
Other personal earnings in graduate school.....	11.1	10.5	4.3	11.6	7.0	16.7	13.8	6.8	21.1	18.9
Other family earnings or savings.....	6.4	5.2	3.9	6.4	4.9	6.2	8.1	6.0	11.0	9.4
Teaching assistantship.....	15.1	7.3	18.9	11.8	52.1	11.0	5.4	11.9	13.8	22.7
Research assistantship, traineeship, internship.....	35.9	44.4	49.5	42.9	11.2	34.6	46.0	43.4	14.2	12.0
Research assistantship.....	33.4	43.3	48.5	42.6	10.3	34.1	45.8	35.0	12.1	11.3
Traineeship.....	2.4	1.0	1.0	0.2	0.8	0.5	0.1	8.3	1.7	0.6
Internship or residency.....	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.4	0.0
Fellowship/scholarship/dissertation grant.....	13.9	13.7	11.0	13.8	12.7	11.6	7.7	18.4	8.4	17.2
Fellowship/scholarship.....	13.7	13.6	10.9	13.4	12.7	11.5	7.5	18.0	8.4	16.9
Dissertation grant.....	0.2	0.2	0.1	0.4	0.0	0.1	0.3	0.4	0.0	0.3
Employer reimbursement/assistance.....	3.1	6.6	1.6	1.9	1.8	7.8	2.6	1.3	1.7	1.7
Foreign (non-U.S.) support.....	0.4	0.7	0.1	0.3	0.3	0.5	1.3	0.2	0.0	0.5
Other source of support.....	1.3	1.4	0.9	1.3	0.7	1.5	1.4	1.3	1.2	1.5
Unknown source of support.....	9.2	8.4	9.0	7.8	8.2	7.8	10.6	8.9	12.9	9.6

See explanatory information and SOURCE at end of table.

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**Primary source of support of 1995–99 doctoral recipients, by sex and field**

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Sex and primary source of support	Total S&E	Engineering	Physical sciences	Earth, atmospheric & ocean sciences	Mathematics	Computer science	Agri-cultural sciences	Biological sciences	Psy-chology	Social sciences
Female, total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Personal sources of support.....	29.8	12.2	8.8	13.2	16.0	33.9	19.3	14.9	51.2	38.0
Loans.....	6.1	0.9	0.4	1.2	0.6	2.0	1.9	1.3	15.0	5.5
Personal savings.....	0.8	0.2	0.3	0.4	0.2	0.9	0.9	0.2	1.1	1.4
Other personal earnings in graduate school.....	11.8	6.3	3.2	7.1	5.6	18.2	9.9	6.3	16.9	19.0
Other family earnings or savings.....	11.1	4.8	4.9	4.5	9.6	12.8	6.7	7.1	18.2	12.0
Teaching assistantship.....	14.2	6.7	20.1	13.7	49.3	13.5	6.9	10.5	11.7	20.0
Research assistantship, traineeship, internship.....	27.8	46.1	46.2	43.9	10.5	21.2	46.9	43.0	13.5	11.6
Research assistantship.....	24.0	42.8	44.0	42.4	9.9	20.1	46.0	33.8	11.7	10.3
Traineeship.....	3.7	3.2	2.1	1.4	0.6	1.1	0.9	9.1	1.5	1.3
Internship or residency.....	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
Fellowship/scholarship/dissertation grant.....	15.8	23.2	13.8	18.8	15.2	13.2	12.1	21.0	8.6	18.9
Fellowship/scholarship.....	15.5	22.8	13.5	18.1	15.2	13.2	11.8	20.3	8.5	18.5
Dissertation grant.....	0.4	0.4	0.2	0.8	0.0	0.0	0.4	0.7	0.1	0.5
Employer reimbursement/assistance.....	1.3	3.3	0.9	1.4	0.6	6.6	2.8	0.9	1.1	1.2
Foreign (non-U.S.) support.....	0.2	0.5	0.1	0.3	0.3	0.2	0.7	0.2	0.0	0.3
Other source of support.....	1.2	1.1	1.0	0.8	0.6	0.9	1.0	1.7	1.0	1.3
Unknown source of support.....	9.7	6.8	9.2	7.9	7.6	10.5	10.1	7.9	12.9	8.7
Number										
Total, all students.....	91,733	15,976	12,625	2,841	3,323	2,692	2,759	21,379	16,061	14,077
Male.....	56,660	13,470	9,560	2,081	2,427	2,129	1,950	11,871	5,304	7,868
Female.....	35,037	2,499	3,061	759	895	561	808	9,502	10,745	6,207

NOTE: Data are for U.S. citizens and permanent residents only.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, various years.

Women, Minorities, and Persons With Disabilities in Science and Engineering: 2002